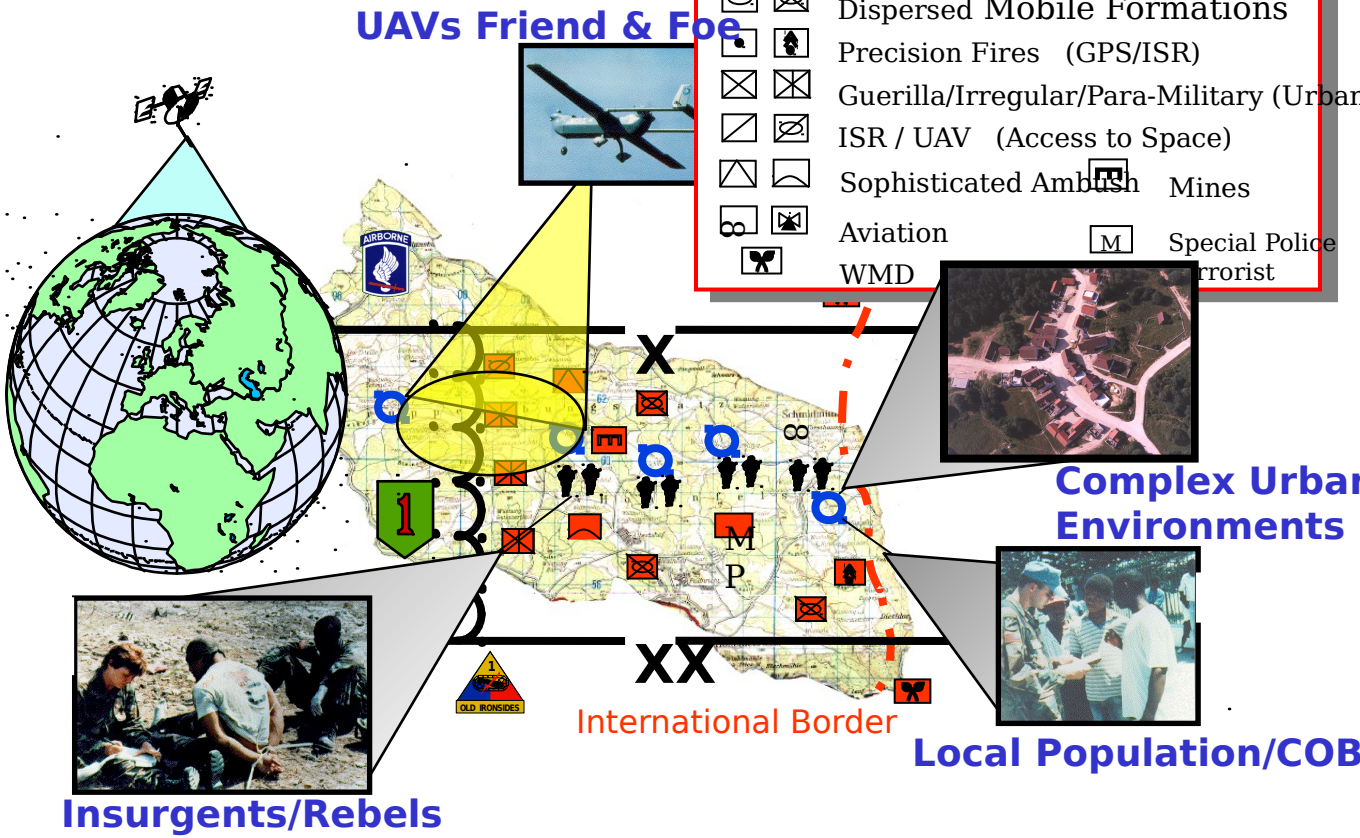
Combat Maneuver Training Center (CMTC)

The way ahead…..

New Operational Environment

AGENDA

- NOE Genesis
- NOE Defined
- NOE process at CMTC Today
- NOE and the CMTC MEL
- NOE process at CMTC Tomorrow
- *Questions*



Our Charter

AR 350-50

"The CTC Programs provide a dedicated, realistic Opposing Force that provides a thinking, capabilities-based, uncompromising opponent for the training unit."

TRADOC Charter

CG, USAREUR Guidance

CG, 7ATC Direction

"It isn't the strongest that survive or even the most intelligent, it is the species that is most adaptable to change." Darwin

New Operational
Environment (NOE)
Defined

NOE Threat Characteristics

- Recognize the strengths and weaknesses of their adversary
- Act adaptively by changing their established tactics, techniques, and procedures to meet their goal
- A belief that the enemy has no sanctuary
- Not restrained by the same value systems and beliefs.
- Dedicated, tough, and willing to sacrifice to achieve goals
- May have a different perspectives, and criteria for victory
- Politically astute, unaffected by unpopular international opinion

The Operational Environment

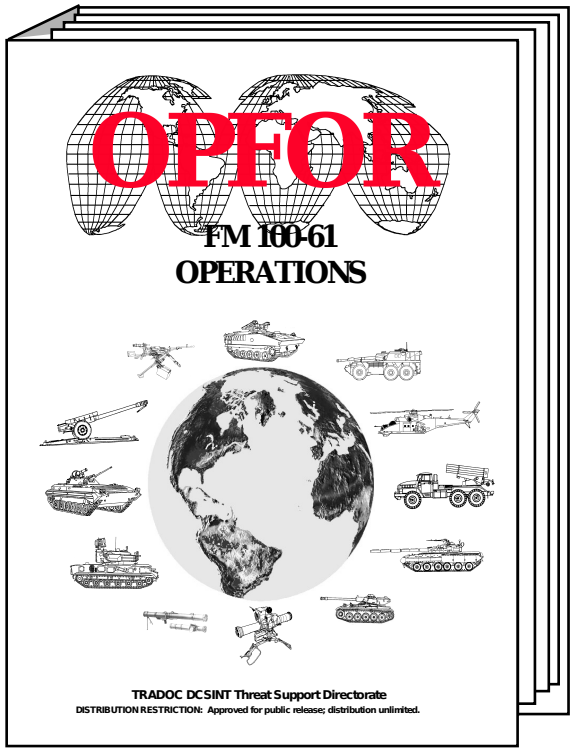
Characteristics

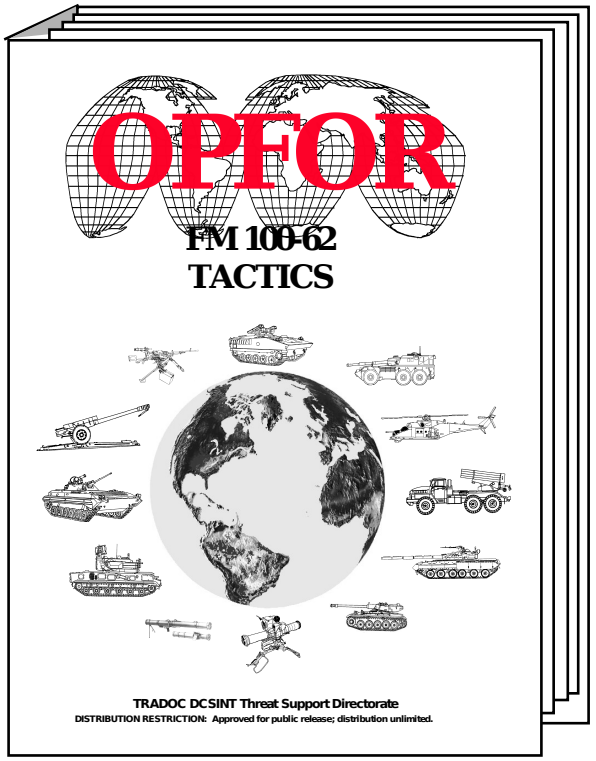
- Complex & Urban Terrain
- Civilian Population & Local Authorities
- Media
- NGOs/IOs
- Trans-national Groups
- Coalition Forces
- Criminal Gangs
- Mafia
- Terrorists

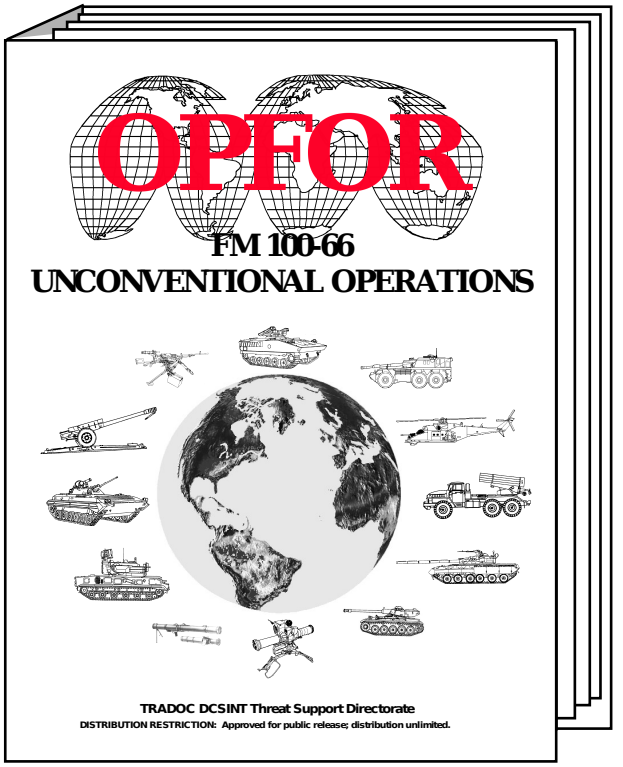
Threat Military Forces

- Conventional Enemy Forces
- Unconventional Warfare Forces/ Special Opns Forces
- Special Police Forces
- Paramilitary Groups
- Irregular Forces
  - Rebels
  - Hostile Local Nationals

Threat Doctrine





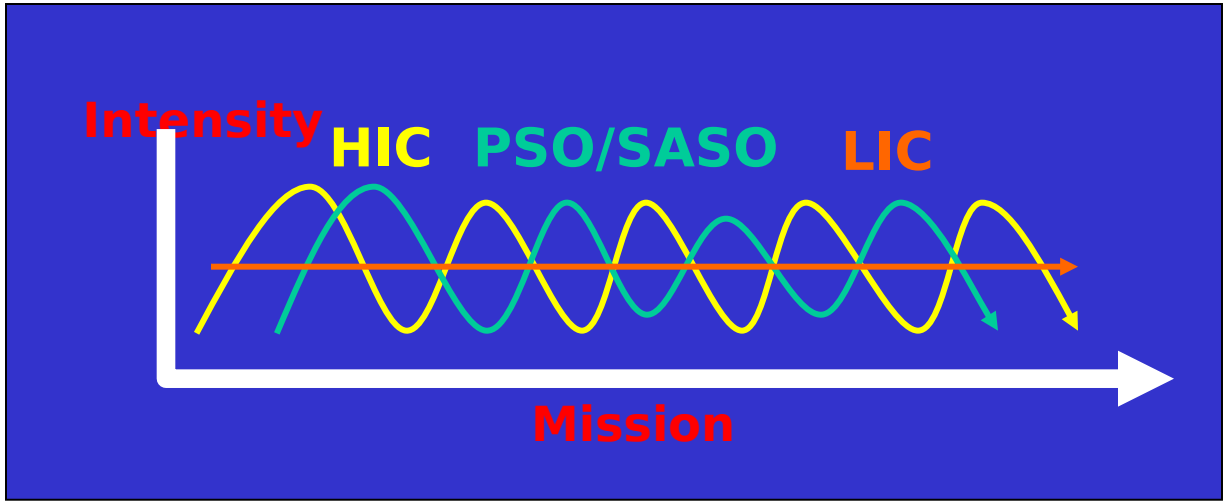


New Drafts (FM 2-100 series) Due: February 2001

New Operational
Environment (NOE)
Today

Graduated Threat

CMTC is configured for the full spectrum of conflict



Rotations are configured IAW with CG, 7ATC guidance and Division CDRs Intent to include this full spectrum.

NOE Training Objectives

- Exercise C3 in the New Operational Environment
- Protect the Force
- Provide Safe and Secure Environment
- Integrate & Synchronize BOS in the NOE
- Apply Rules of Engagement
- Maintain Situational Awareness
- Execute Civil-Military Operations
- Conduct Information Operations (Media)
- Respond with a Quick Reaction Force
- Respond to Heightened Activities
- Evacuate Casualties
- Operate Checkpoints

CMTC Complexities

- Political
  - Sowenia National Gov't
  - Vilslakian National Gov't
- Ethnic Groups
  - Sowenians
  - Vilslakians
- Threat Military
  - Vilslakian National Army (VNA)
  - Special Forces (VSOF)
- Para-Military
  - Vilslakian Militia (VM)
  - Special Police Forces
- NATO/Allied
  - Sowenia Armed Forces (SAF)
- Local Population
  - City Officials
  - Police Officials
  - Clergy
  - Protest Leaders
  - Press Reporters
- International
  - NGOs
  - Red Cross
  - Doctors w/o Borders

Threats on the Battlefield

Vilslakian Militia (VM)

- Automatic Weapons
- Heavy Machine Guns
- RPGs
- Should fired SAMs
- Man-packed ATGMs
- Civilian Vehicles

Vilslakian SOF (VSOF)

- Automatic Weapons
- Heavy Machine Guns
- RPGs
- Should fired SAMs
- Man-packed ATGMs
- Specialized Communications

Vilslakian National Army (VNA)

MRB

- T-80
- BMP2
- AT-5
- Light Infantry
- GPS Jammers

MRR

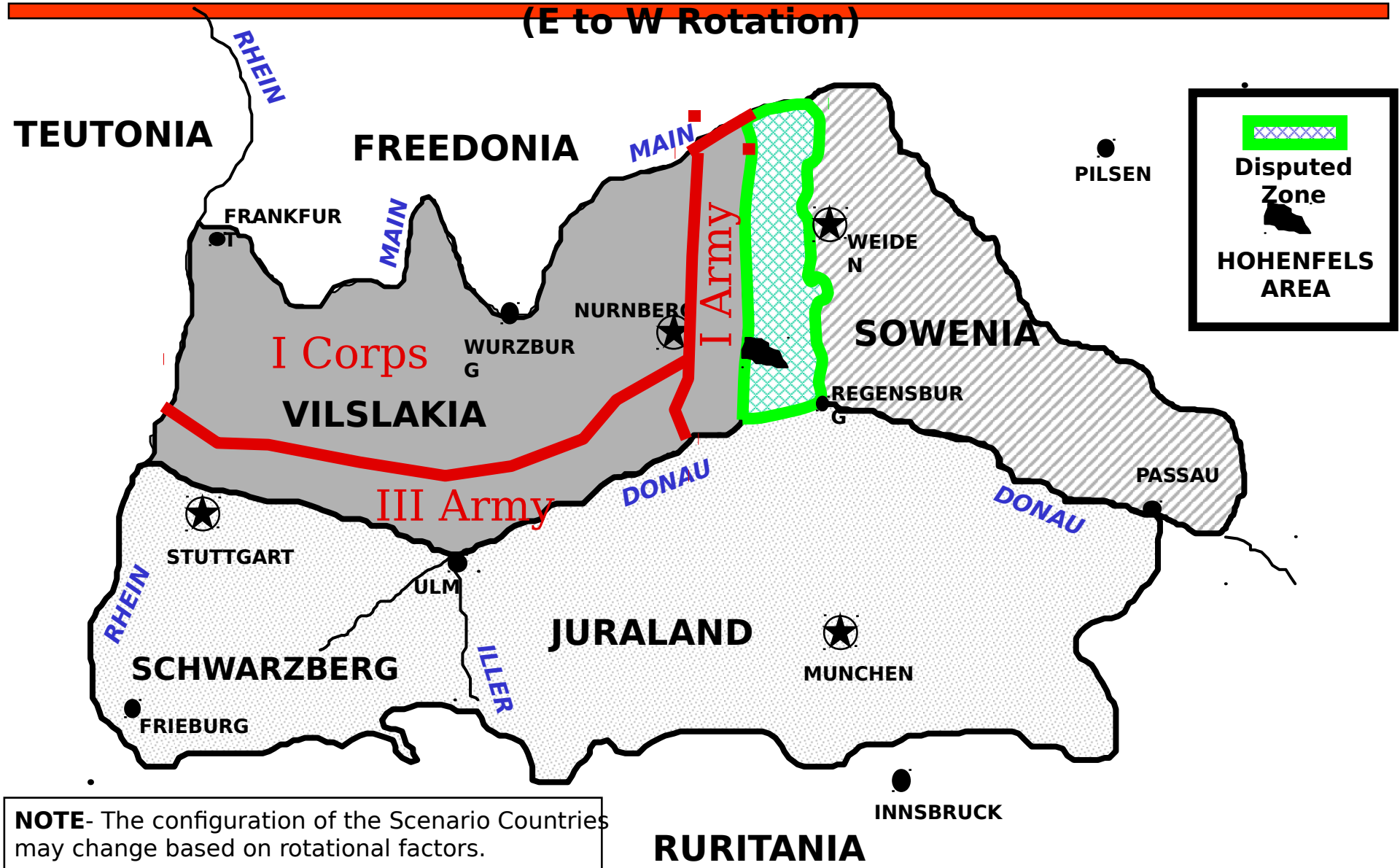
- 2S1 BN (122mm)
- 2S19 BN (152mm)
- BM-21
- MTR (120mm)
- ZSU (ASET AAA)
- SA-16
- HOPLITEs
- UAVs

Present Capability

Future Capability

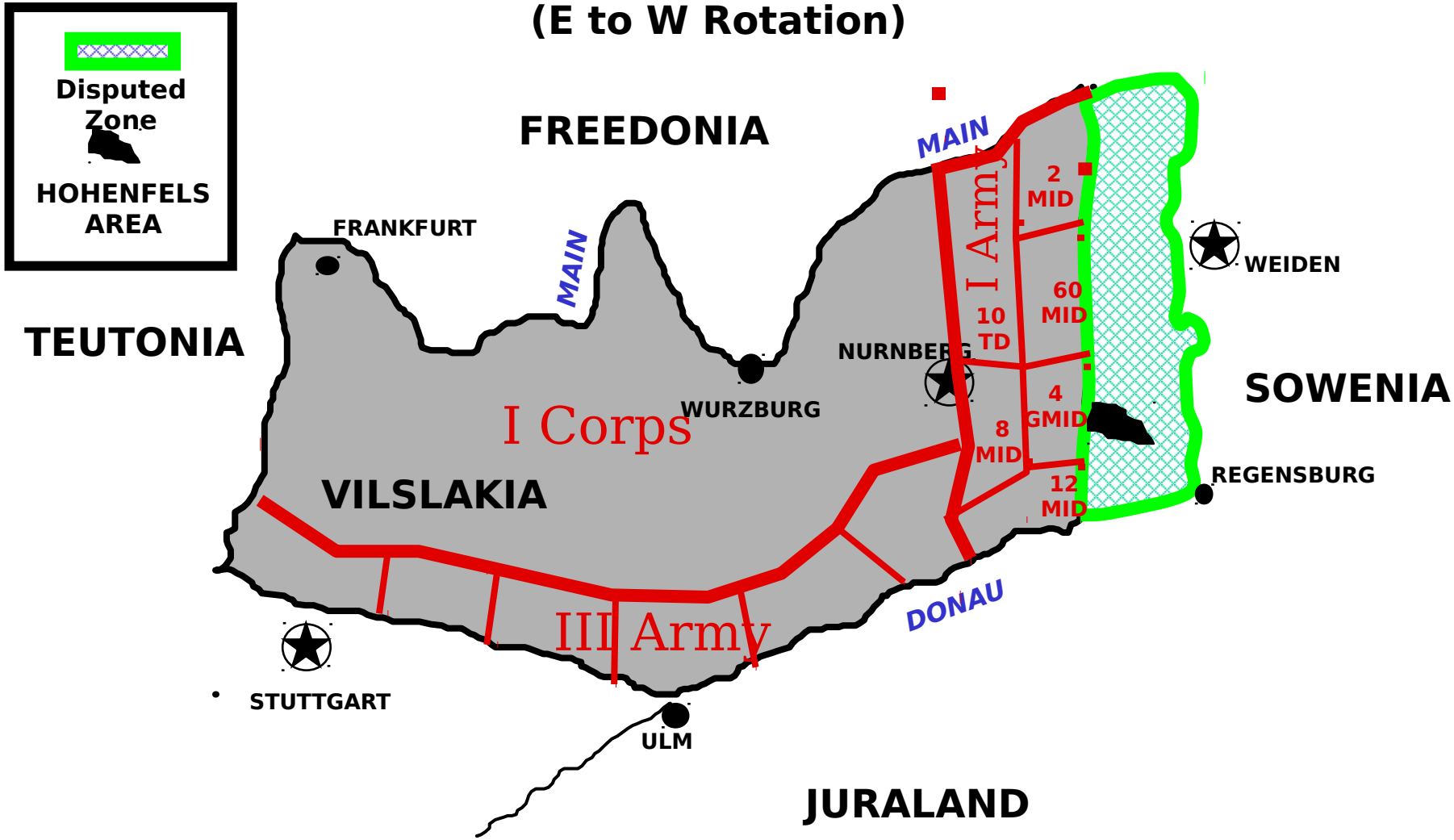
CMTC Scenario Countries

(E to W Rotation)



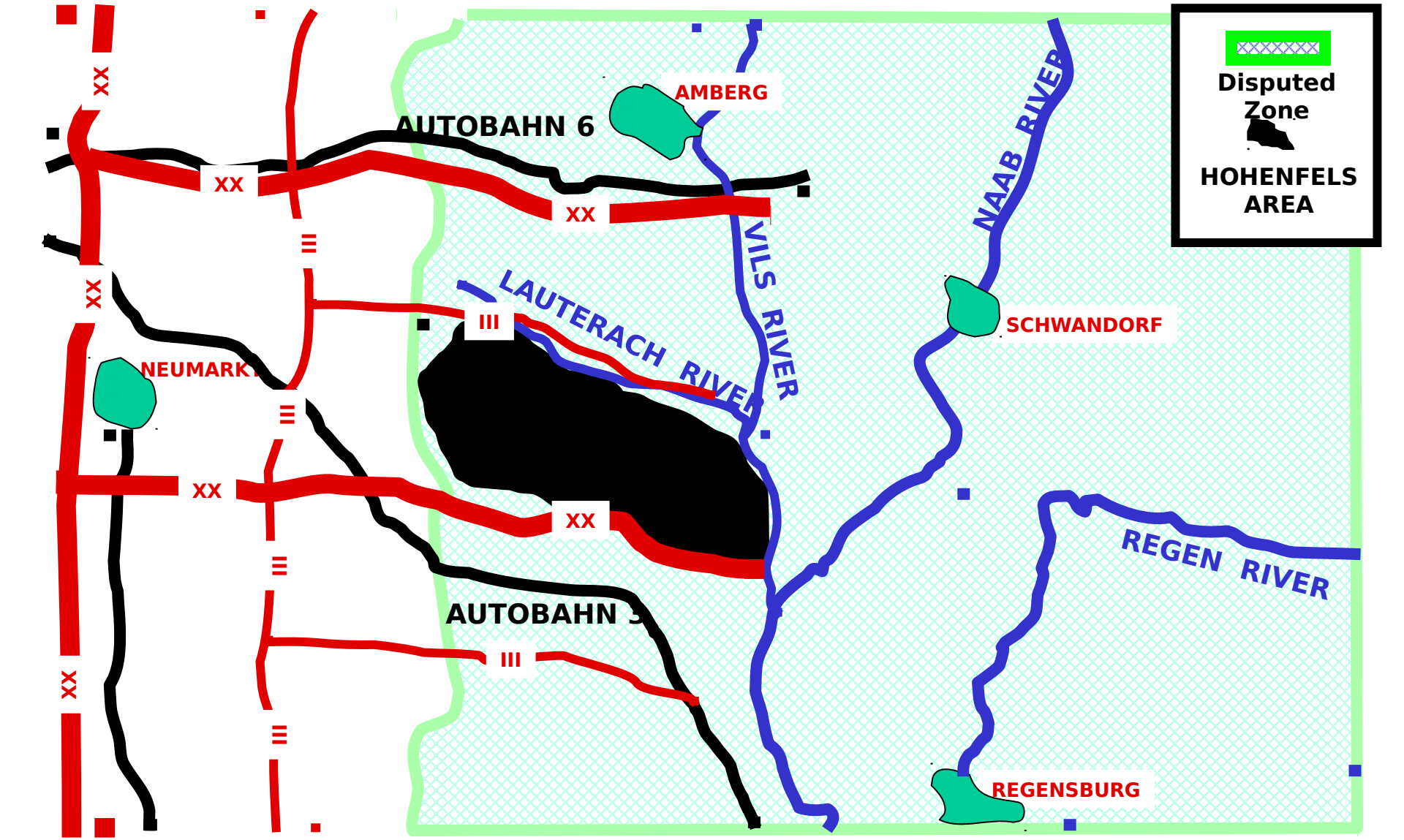
NOTE- The configuration of the Scenario Countries may change based on rotational factors.

Scenario Countries OB Orientation



Scenario Countries AI Forces

(E to W Rotation)



CMTC Scenario Countries

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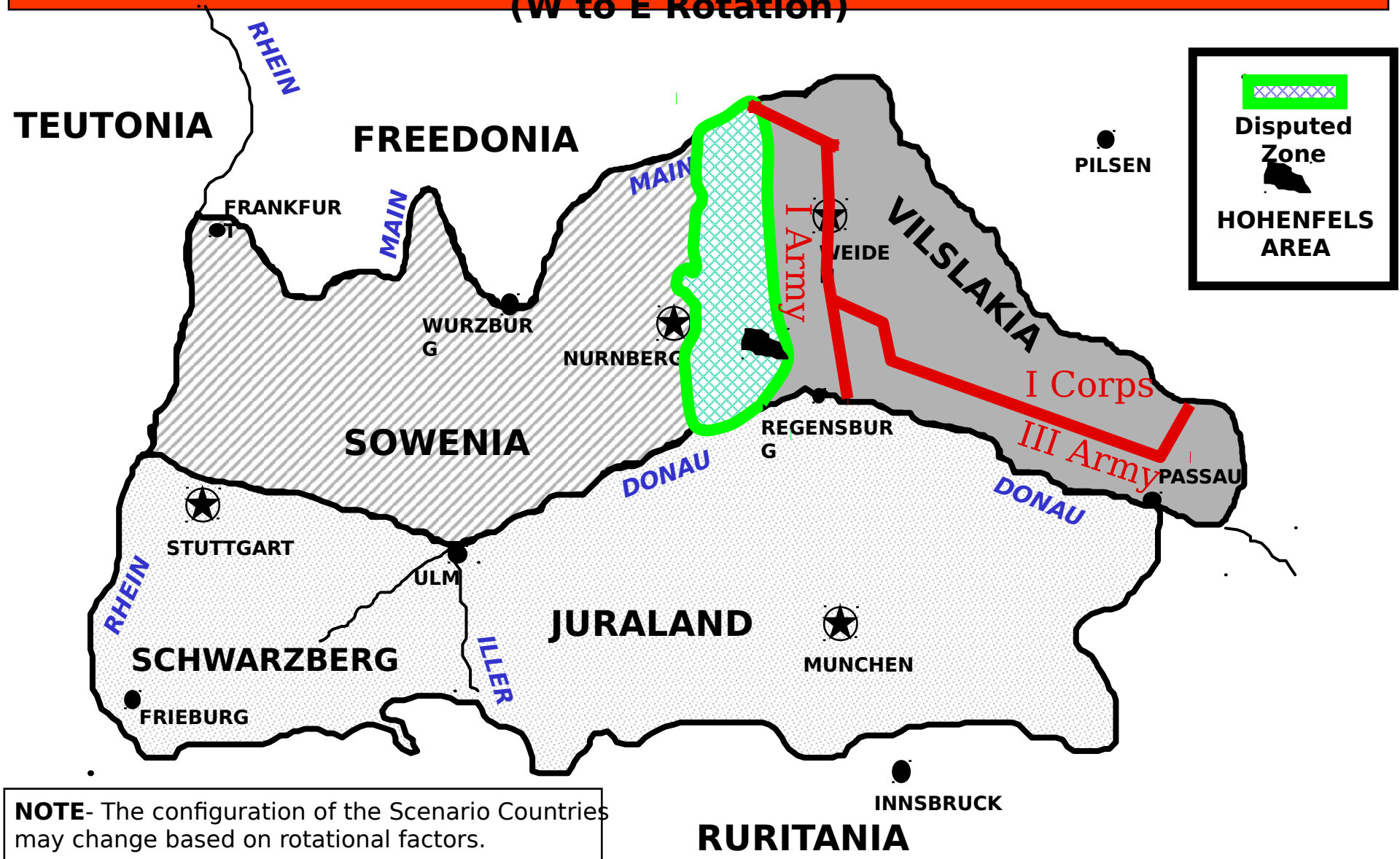

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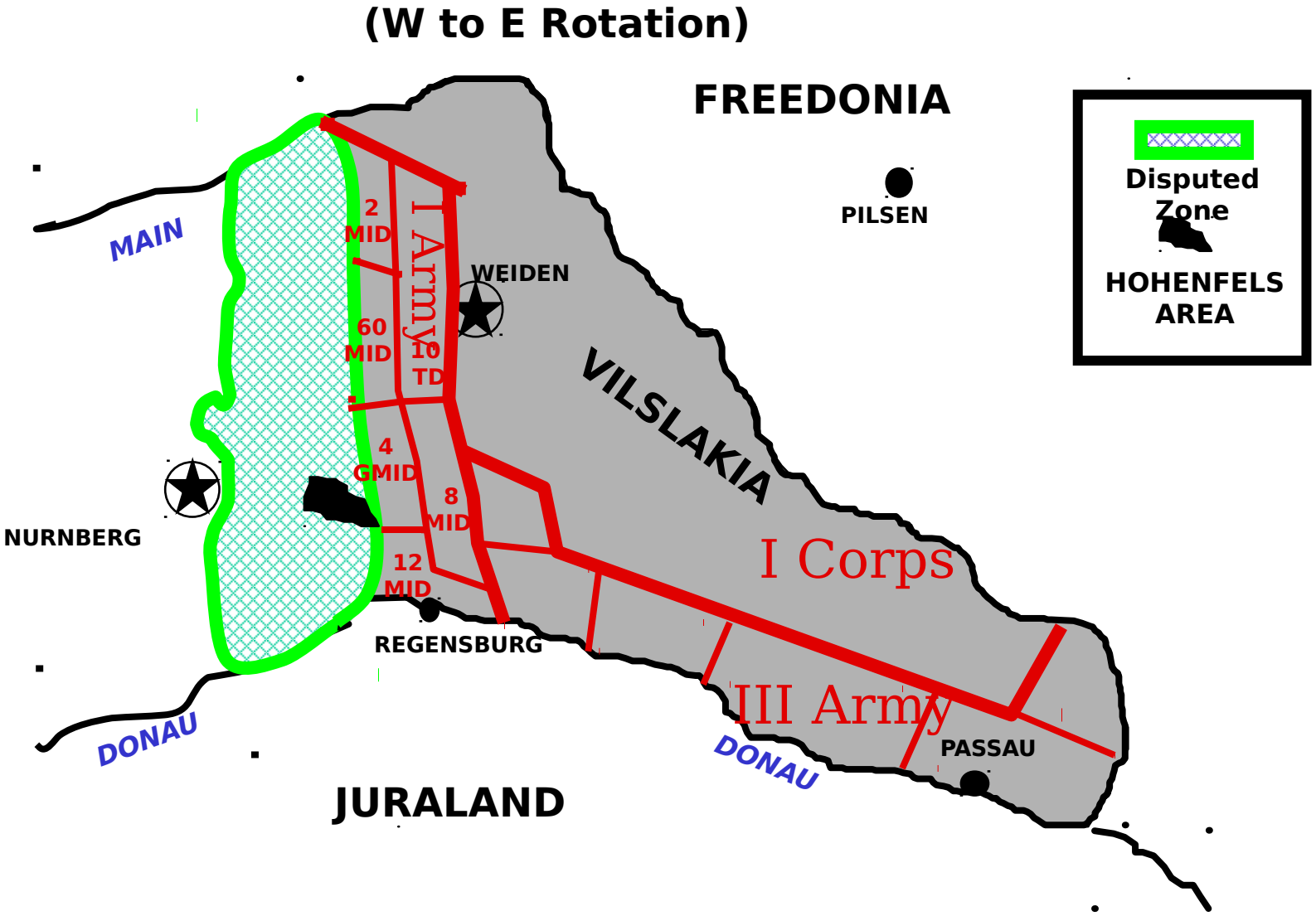

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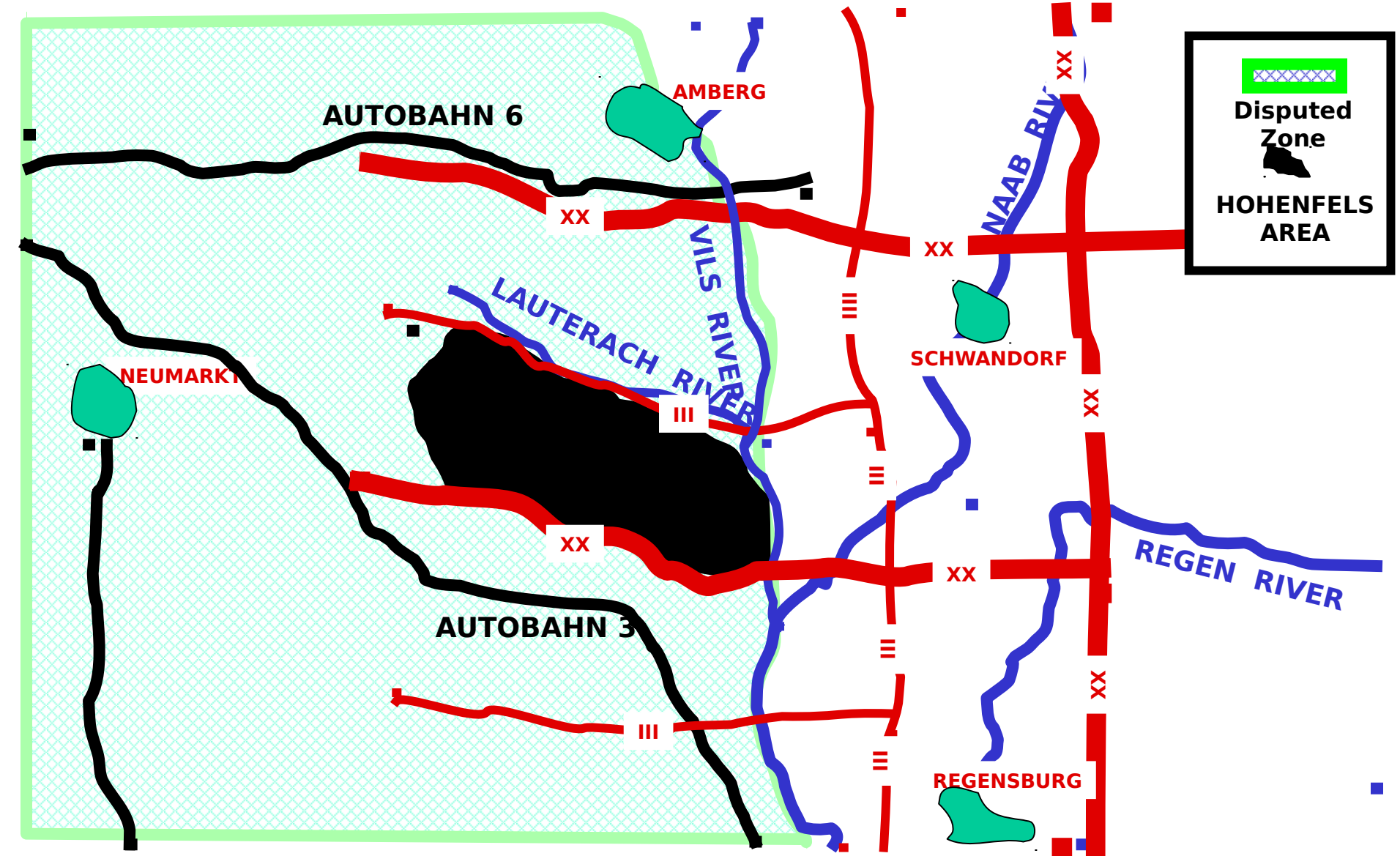
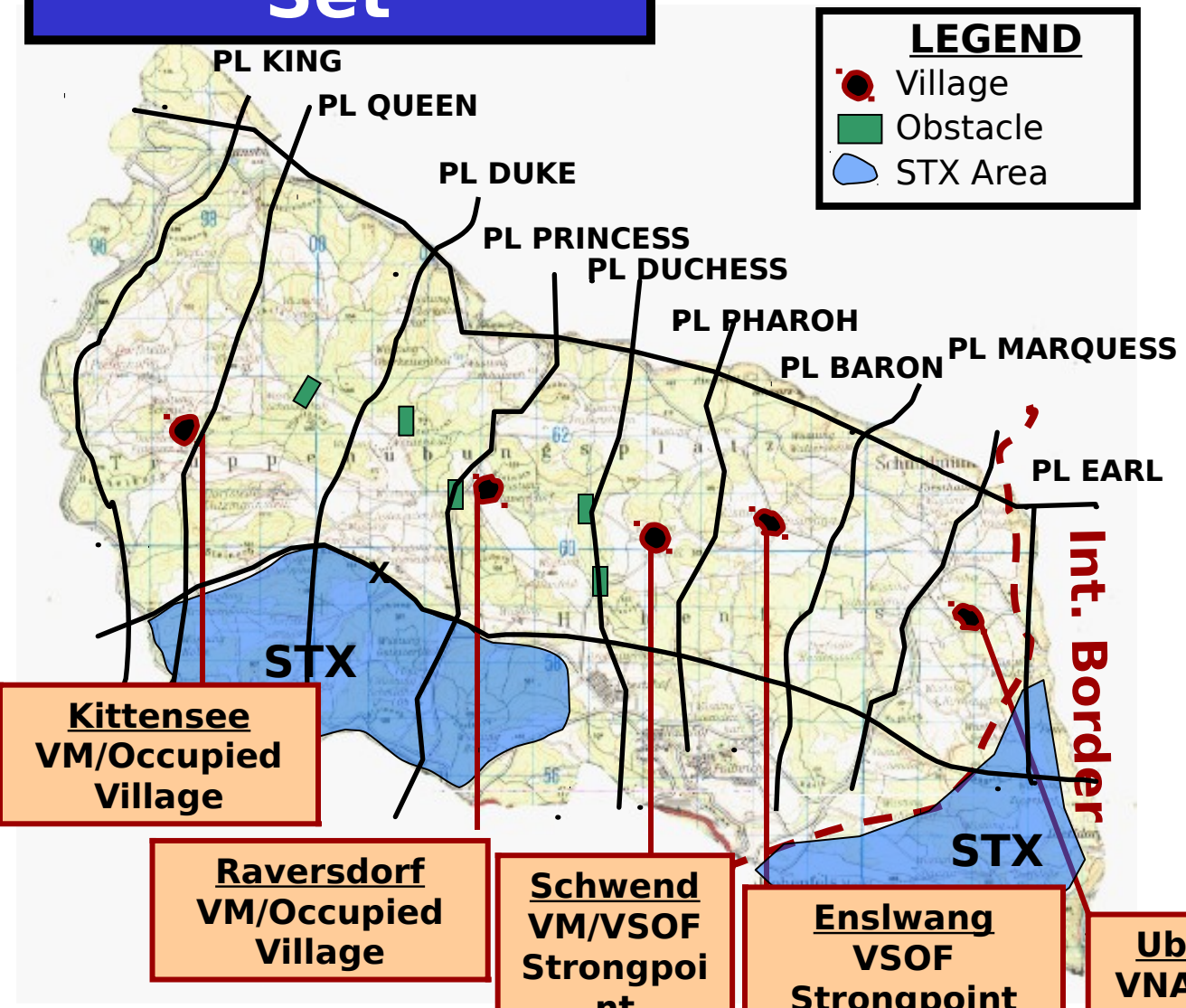


Example Mission "Box" Set



DESCRIPTION

VILLAGES
Enslwang- VSOF
Schwend- VM/VSOF
Raversdorf- VM
Kittensee- VM
Ubungsdorf – HQ VNA

OBSTACLES
Point Minefields

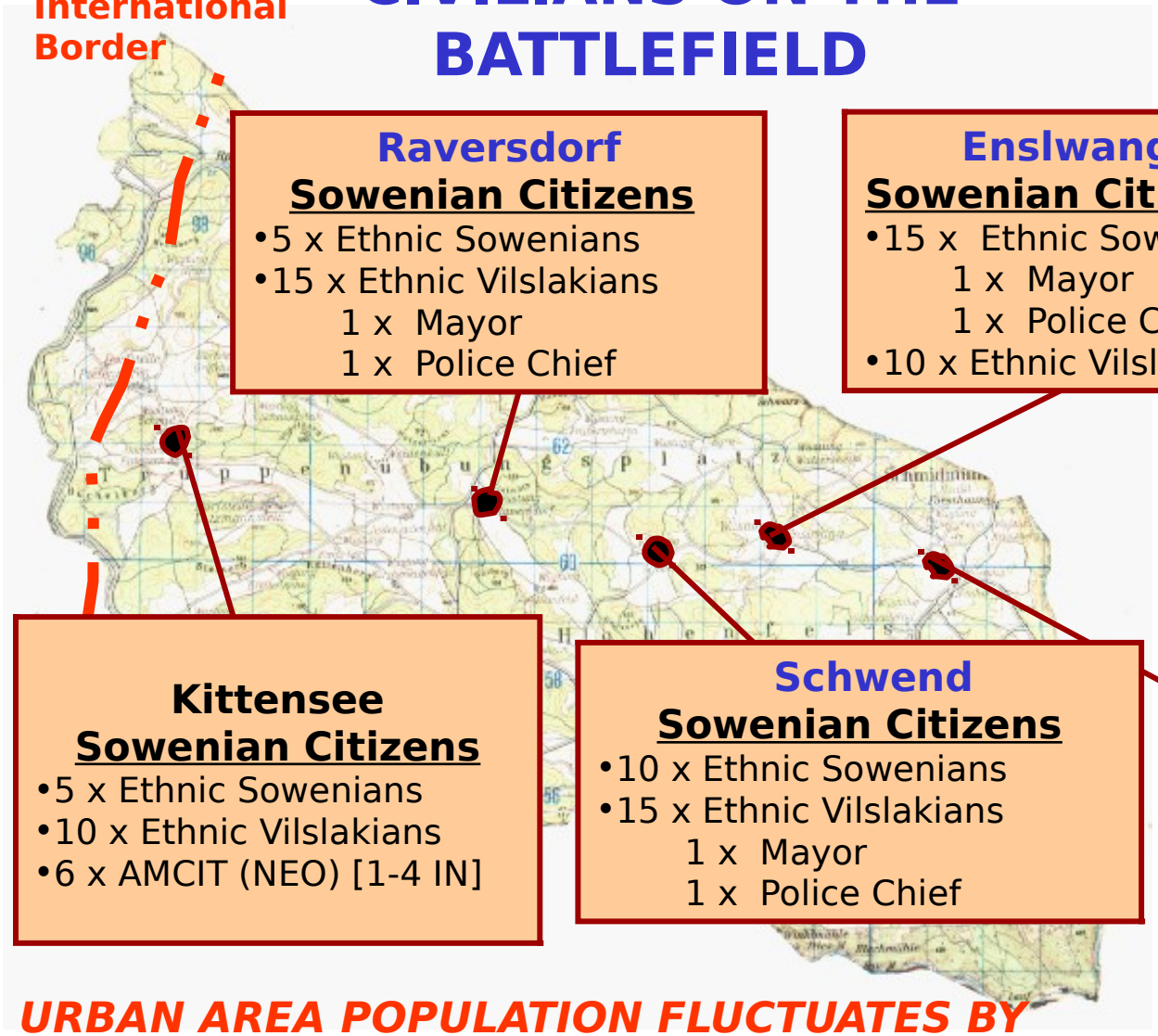
STX Areas

Alpha South
Charlie South

Example Demographics

CIVILIANS ON THE BATTLEFIELD

International Border



Amberg
Sowenian Citizens
- 5 x Ethnic Sowenians
- 5 x Ethnic Vilslakians
- 1 x Mayor

Raversdorf
Sowenian Citizens
- 5 x Ethnic Sowenians
- 15 x Ethnic Vilslakians
- 1 x Mayor
- 1 x Police Chief

Enslwang
Sowenian Citizens
- 15 x Ethnic Sowenians
- 1 x Mayor
- 1 x Police Chief
- 10 x Ethnic Vilslakians

Bodenwehr
Sowenian Citizens
- 5 x Ethnic Sowenians

Kittensee
Sowenian Citizens
- 5 x Ethnic Sowenians
- 10 x Ethnic Vilslakians
- 6 x AMCIT (NEO) [1-4 IN]

Schwend
Sowenian Citizens
- 10 x Ethnic Sowenians
- 15 x Ethnic Vilslakians
- 1 x Mayor
- 1 x Police Chief

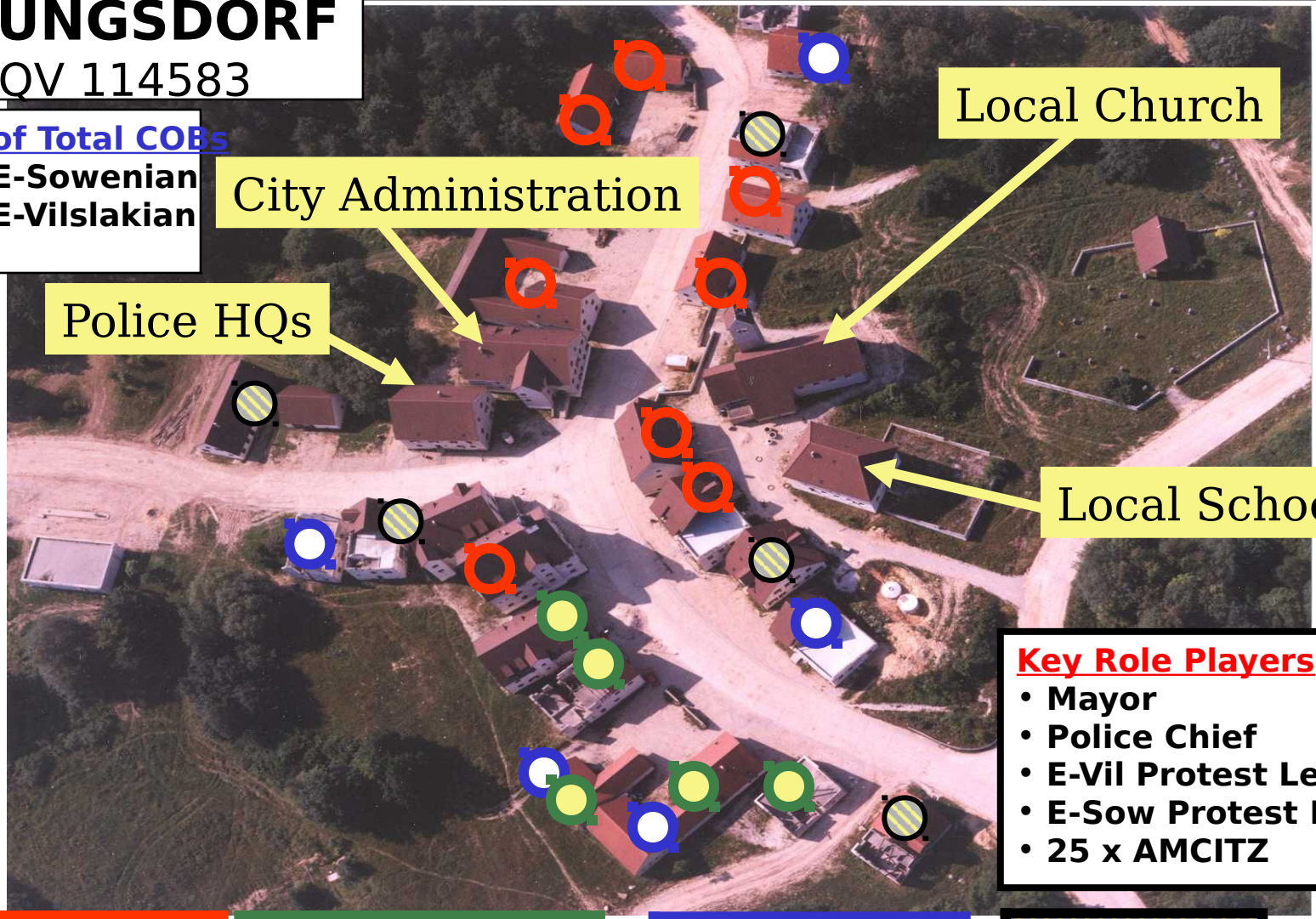
Ubungsdorf
Sowenian Citizens
- 25 x Ethnic Sowenians
- 1 x Mayor
- 1 x Police Chief
- 1 x Protest Leader
- 15 x Ethnic Vilslakians
- 1 x Protest Leader
- 25 x AMCIT (NEO) [1-4 IN]
- 3 x SAF LNOs [1-4 IN]

URBAN AREA POPULATION FLUCTUATES BY MISSION

Increased Resolution

UBUNGSDORF
QV 114583

35% of Total COBs
75% E-Sowenian
25% E-Vilslakian



Key Role Players
- Mayor
- Police Chief
- E-Vil Protest Leader
- E-Sow Protest Leader
- 25 x AMCITZ

Ethnic Sowenian Homes

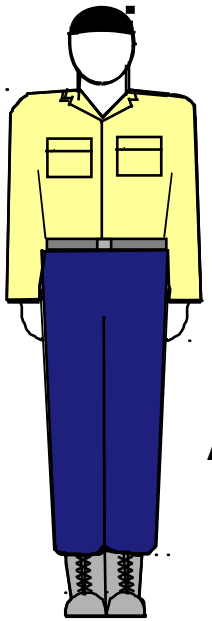
Ethnic Vilslakian Homes

Unoccupied

Burned Homes

Faction Uniforms

“Unauthorized” Police Forces



Any mix of military or civilian clothing

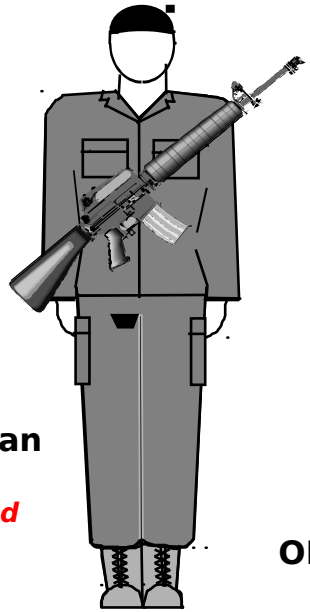
May be armed

Paramilitary

Any mix of civilian clothing

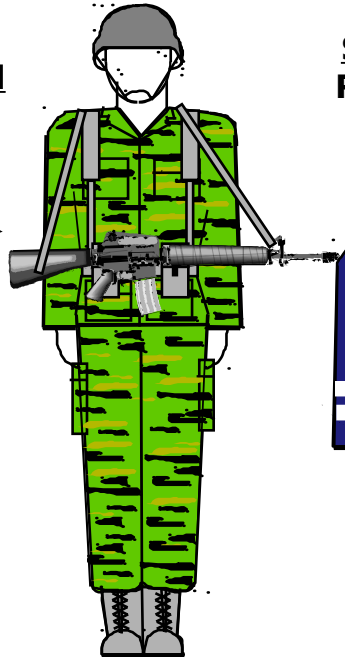
Armed or Unarmed

Vilslakian National Army



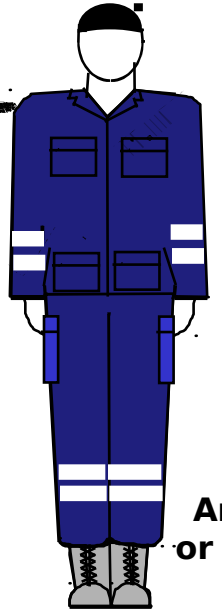
OPFOR Black BDUs

Vilslakian National Army RECON Forces



OPFOR Tiger Stripe BDUs

Sowenian Policeman



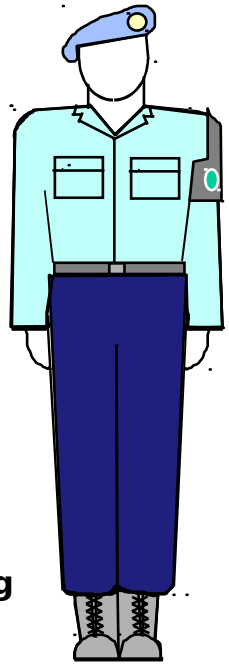
Blue BDUs

Unarmed

Sowenian Military

Any mix of BDUs or civilian clothing

UNMIK Police



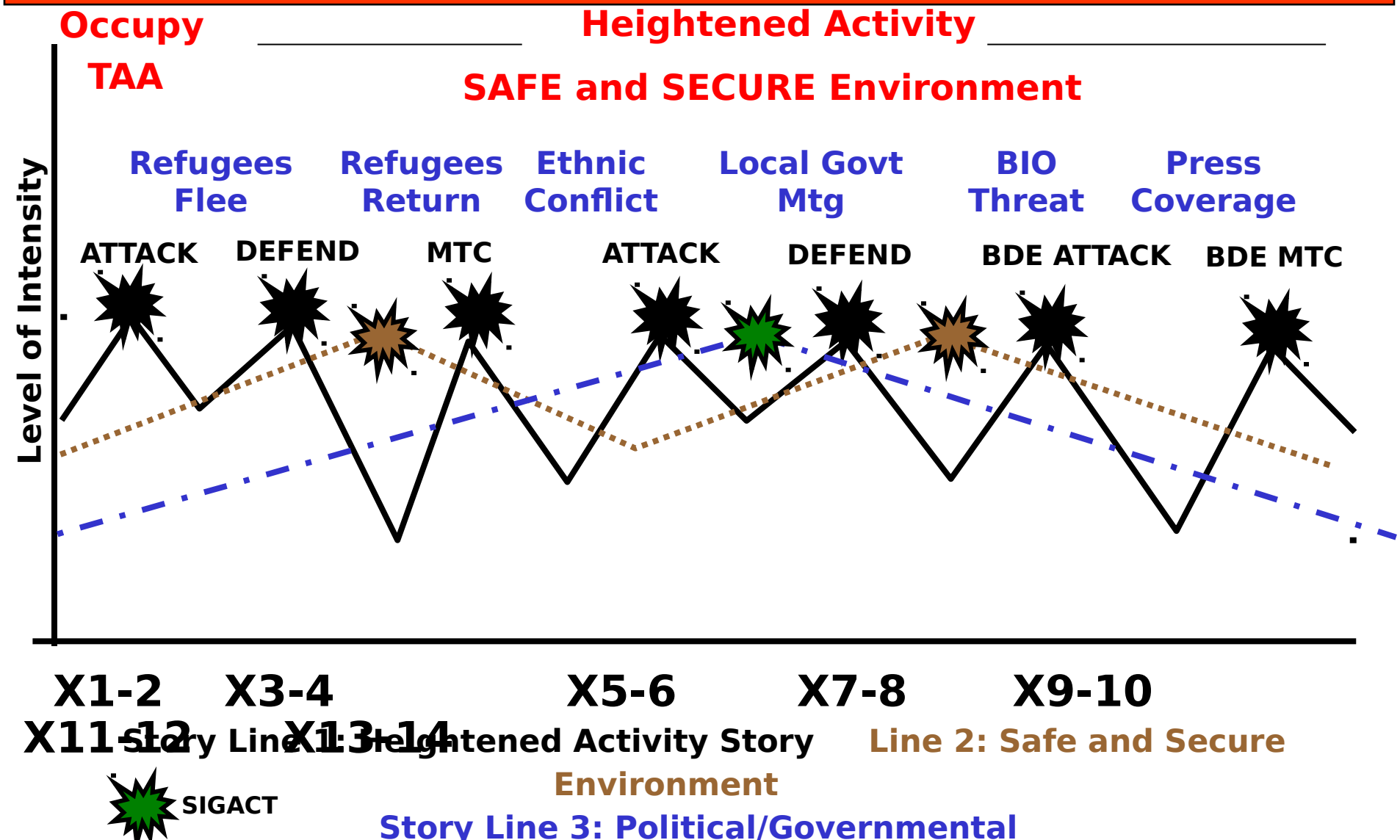
Blue BDU Pants and White or Blue Shirt

VSOF can were either Black or Tiger Stripe OPFOR BDUs

Example Story Lines

- Story Line #1 - Heightened Activity
  - Leading into or away from High Intensity Conflict
- Story Line #2 - Safe and Secure Environment
  - Ethnic Aggression, Local Panic
  - NGO Escort (Doctors w/o Borders)
  - Mafia Terrorism
  - Vilslakian Terrorism
  - Biological Threat (Sickness in Raversdorf)
- Story Line #3 - Political / Governmental
  - District and Local Sowenian Government
  - Faction, Religious, Ethnic, Resistance Leaders
  - National, International, Network Press

Example Story Line Graph



New Operational
Environment (NOE)
The MEL

The MEL Process…

- **Planned and synchronized in S3 Plans/S2**
  - **Outcome is MEL Spreadsheet and Database**
- **Passed to DTOC during rotation hand over briefing**
- **‘Sticker Drilled’ daily by DTOC and O/Cs**
  - **Outcome is O/C Worksheet**
- **Branches and Sequels discussed on previous CBIs**
  - **Outcome is executed as necessary with CG/COG discretion**
  - **Database pool of CBIs used for new events**
- **Key to success is O/C execution and feedback**

Mission Event List Escalation

INITIAL EVENT	ESCALATION
Refugees Fleeing	Local Officials Demand Mtg
Refugees Returning	Reporters Investigate
Regugees Require Med Assistance	Refugee Dies
Refugees Ask for food	Refugees Riot
Refugees Provide Information	OPFOR Event Cancelled/Occurs
Refugees in MF	2BDE/1AD Command Involvement
Locals Interfere with Occupation	
Locals Refuse to Leave	
Locals Complain about Occupation	
Locals Monitor Operations	
Local Hunters In Area	Local Officials Demand Mtg
Locals Collect Info for OPFOR	Locals Protest Against U.S. Army
Locals Ask for Protection	Locals Riot
Locals Ask for Compensation	Larger Protest
Locals Ask for Assistance	Reporters Investigate
Locals Steal Items	Locals Support OPFOR (Information)
Locals Provide Information	Locals Increase Interference
Local Ethnic Fighting	Locals Flee
Local Officials Demand Meeting	OPFOR Event Cancelled/Occurs
Locals Protest Against Govt	2BDE/1AD Command Involvement
NGO Brings food for Locals	Locals Die
NGO Brings Medicine for Locals	Locals Riot
	Reporters Investigate
	2BDE/1AD Command Involvement

INITIAL EVENT	ESCALATION
Local Reporters monitor incident	
Foreign Reporters Interview	
CNN Reporters Interview	Hostile Reporter
Combat Reporters Monitor	Command Directed Interview
Enemy Prisoners Of War	
Enemy Deserters	
Minefield Incidents	
UXO Incidents	
Mortar Attacks	
Probes	
Ambushes	
Mounted Attacks	
Dismounted Attack	
Helicopter Recon	
Helicopter Insertion	
Helicopter Attack	
Terrorist (HCOB)	Continued Harrassment
Biological Agent, Locals Sick	Squad / Plt gets Sick

NOE Validation Process

- **Briefed at BUB**
  - **Report results over past 48 hrs**
  - **Approve / Validate CBIs for next 48 hrs**

- **Allows CG/COG to temper the complexity of the battlefield and / or alter the conditions as required to maintain a viable fighting**

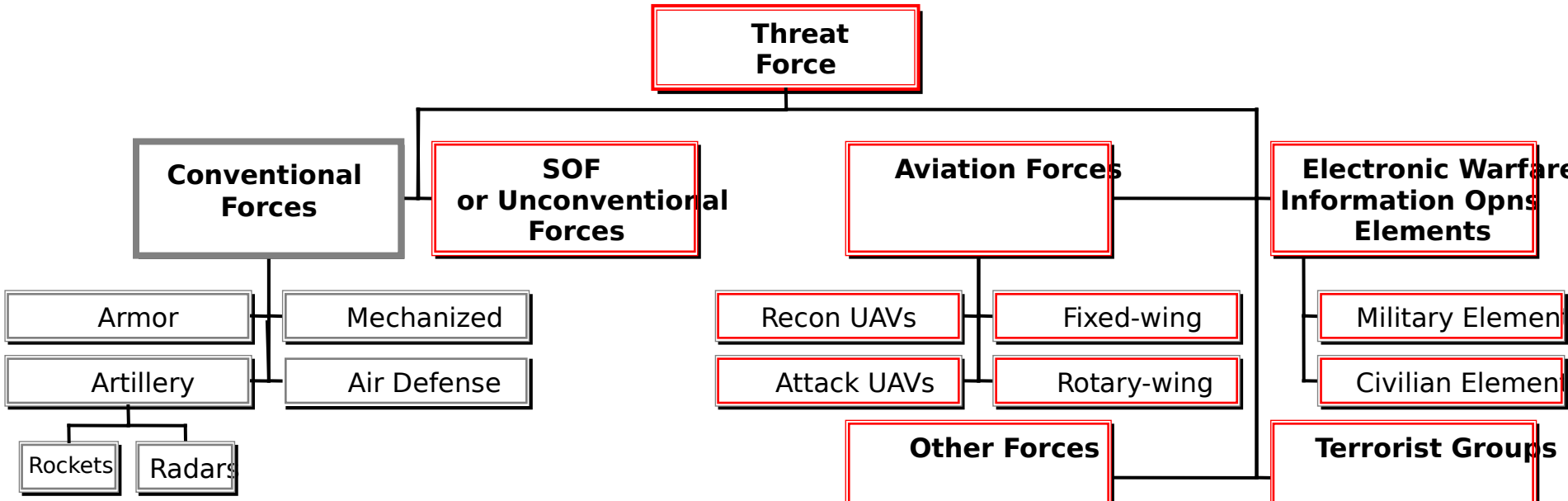
X2 BUB	X3 BUB	X5 BUB	X7 BUB	X10 BUB	X12 BUB
Report X1 Approve X4	Report X2 Approve X5-	Report X3 Approve X7-	Report X5-X ApproveX9-X	Report X7- Approve X12	Report X10-X

New Operational
Environment (NOE)
Tomorrow

The Road Ahead…

- **Continued integration of those threats, which current conventional forces cannot adequately defend against = *Asymmetric warfare*.**
- **Build asymmetric theme into all rotational Intel products to drive BLUFOR MDMP**
- **Permit more freedom of maneuver for ‘Opportunity Based’ OPFOR with less emphasis on high intensity conflict**
- **Study/implement new TRADOC OPFOR doctrine when published**
- **Expend all of our existing resources creatively with ‘biggest bang for the buck’ until additional resources become available, as ID’d by TRADOC**

Objective OPFOR



- **Flexible tactical organization**
- **Manning dependent on how many capabilities OPFOR must replicate concurrently**
- **Does not include COB's, NGO's, etc. These are controlled by the OPS Groups**

CMTC Requirements

Present Capability Future Capability

OPERATIONAL ENVIRONMENT

- Complex/urban terrain
- High tempo
- Media/NGO/PVO
- Humanitarian issues
- Para-Military Forces
- Asymmetry
- Tribal/ethnic issues
- High technology
- Fractured public Institutions
- UN/coalition

THREAT FORCES

- Conventional/limited unconventional
- Police and paramilitary
- Mechanized/combined arms
- Small Arms/RPGs/ATGMs/MANPADS
- Long range artillery/mortars/PGMs
- Mines
- WMD
- Increased lethality
- UAVs/advanced RSTA
- Advanced CC&D/ Countermeasures
- Redundant C3

UNIT/LEADER REQUIREMENTS

- Rapid movement
- Force protection
- Pattern Analysis
- Negotiation
- Inter-agency coordination
- Isolate/control/destroy
- Synchronization/simultaneity
- Flexible/adaptive
- ROE/restraint
- Precision CM
- Movement to contact
- Attack
- Defend
- Information Operations
- Combined Arms

THREAT METHODS OF OPERATION

- Decentralized operations
- Dispersed operations
- Night operations
- Distributed operations
- Force -oriented
- Sophisticated ambush
- Adaptive
- Creation of sanctuary
- Use of COB
- Defensive operations
- Transition operations
- Terrorist acts
- Demonstrations
- Deception Operations
- Full spectrum IW
- Long range attack

Required Resources:

- 2 Bn Mechanized Inf
- 1 Bn Tanks
- 1 Bn Engineer
- AT Bn
- AT Bn (Equip)
- 1 Co Recon
- 2 Co Recon(Equip)
- 200 RPG
- 27 MANPACK AT
- 66 MANPAD
- 4 LTD
- Arty/Mortar PGM
- SATCOM
- Digital data
- Cell Phones
- BN secure C3
- UAV Section
- Attack/Lift Helicopters
- Advanced counter-fire
- CC&D Plt (Arty/IFV/Tank Decoys)
- FH/GPS Jammer
- 40 COB
- Media
- IW computer attack
- 4 Vehicle RSTA (MS)
- Advanced mines
- Vehicle CM
- New TTP/MTT
- TES upgrade
- 6 NLOS ATGM

Characteristics of the New Operational Environment

Threat Forces will move quickly from their established ends, ways and means that are optimized for regional conflict against their neighbors. Deception efforts will focus on portraying the established while executing adaptively. The intent will be to conduct continuous, simultaneous operations throughout the battlespace. The nature of these operations will be fluid as the threat will conform methods and means to advantage opportunities as they present themselves. The Threat will also seek to neutralize US advantages by adopting tactics, techniques and procedures that create a level playing field. The Threat will employ a defensive strategy of preserving military capability while inflicting as much damage as possible on US Forces.

U.S. forces will have to be adaptive and flexible; able to maximize their capabilities improvise to deal with unforeseen threats and possibilities. To address these challenges and remain the world's dominant land force, the Army must develop new, adaptive and innovative capabilities. These capabilities must be built around full spectrum utility, advances in information technology, technologically assisted human potential, strategic responsiveness, and joint interoperability.

The New Operational Environment presents a much broader set of challenges to US Forces. These challenges are not mission dependent. They impact across the full spectrum of conflict.

The New CMTC Operational Environment

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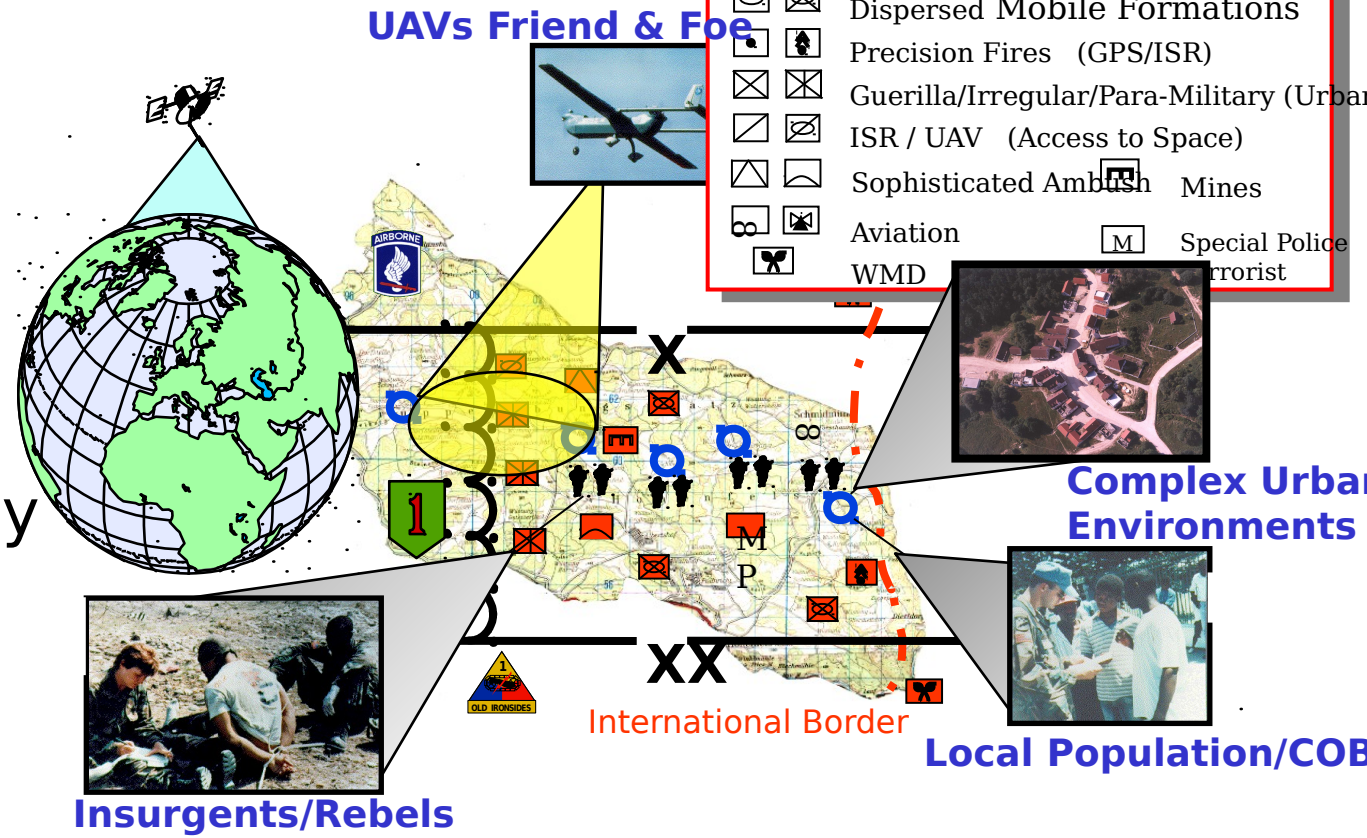
- NOE Defined
- NOE process at CMTC Today
- NOE and the CMTC MEL
- NOE process at CMTC Tomorrow



New Operational Environment